WHAT IS CLAIMED IS:

1.   A data communication apparatus for receiving a command from an external information processing terminal, transmitting a response for the received command to said information processing terminal and executing a process corresponding to the command, comprising:

status monitor means for monitoring apparatus status; and

means for transmitting information on the apparatus status upon transmission of said response in accordance with the status monitoring by said status monitor means.

2.   A data communication apparatus according to Claim 1 wherein the information on the apparatus status is information indicating a change of the apparatus status.

3.   A data communication apparatus according to Claim 1 further comprising:

storage means for storing the apparatus status detected by said status monitor means and information indicating whether the apparatus status has been changed or not;

wherein the information on the apparatus status is transmitted when the information indicating the change

of the apparatus status has occurred is stored in said

storage means upon the transmission of said response.

4.   A data communication apparatus according to

5   Claim 1 wherein said response includes information

indicating whether said command is to be accepted or

not.

5.   A data communication apparatus according to

10   Claim 1 wherein the information on the apparatus status

is information on the apparatus status detected by said

status monitor means.

6.   A data communication apparatus according to

15   Claim 2 wherein a status request command for requesting

the transmission of information on the apparatus status

from said information processing terminal is received,

and in response to said status request command, the

information on the apparatus status detected by said

20   status monitor means is transmitted.

7.   A data communication apparatus according to

Claim 5 wherein the information on the apparatus status

includes information on status of a data input unit in

25   said data communication apparatus, information on

status of a data output unit and information on

operation status of said data communication apparatus.

8. A data communication apparatus according to Claim 6 wherein a response indicating the absence of status information to be noticed is transmitted to said information processing terminal when there is no change in the apparatus status upon the reception of the status request command.

9. A data communication apparatus according to Claim 3 wherein said status monitor means periodically monitors the change of the apparatus status, and upon detection of the change of the apparatus status, stores information indicating the change of the apparatus status in said storage means.

10. A processing method in an information processing terminal for transmitting a command to cause a data communication apparatus to execute a desired process and receiving a response indicating whether said command is acceptable or not from said data communication apparatus, comprising the steps of:

detecting whether information indicating a change in the data communication apparatus status has occurred is included in said response or not; and

recognizing the data communication apparatus status in accordance with a result of the detection.

11. A process method according to Claim 10

wherein a status request command for requesting the transmission of information on the data communication apparatus status is transmitted in accordance with the result of the detection, information on the apparatus status transmitted from said data communication apparatus is received in response to the status request command, and the data communication apparatus status is recognized in accordance with the received information.

12. A process method according to Claim 10 wherein a command is transmitted to said data communication apparatus in accordance with a request from a terminal of a local area network.

13. A process method according to Claim 11 wherein the data communication apparatus status information is stored in a memory, and the data communication apparatus status is displayed in accordance with the stored status information.

14. A process method according to Claim 13 wherein the status information of said memory is updated based on the received status information.

15. A storage medium containing a program executable by a computer for transmitting a command to cause a data communication apparatus to execute a

desired process and receiving a response indicating
whether said command is acceptable by said data
communication apparatus or not, comprising the steps
of:

5   detecting whether information indicating a change
in the data communication apparatus status has occurred
is included in said response or not; and
        recognizing the data communication apparatus
status in accordance with a result of the detection.

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        16.   A storage medium according to Claim 15
further comprising the steps of:
        transmitting a status request command for
requesting the transmission of information on the data

15   communication apparatus status in accordance with the
result of the detection;
        receiving information on the apparatus status
transmitted from said data communication apparatus in
response to the status request command; and

20   recognizing the data communication apparatus
status in accordance with the received information.

        17.   A storage medium according to Claim 15
further comprising the step of:

25   transmitting a command to said data communication
apparatus in accordance with a request from a terminal
of a local area network.

18. A storage medium according to Claim 15 further comprising the step of:

storing the data communication apparatus status information in a memory, and displaying the data
5   communication apparatus status in accordance with the stored status information.

19. A storage medium according to Claim 18 further comprising the step of:
10   updating the status information of said memory based on the received status information.